

ABSTRACT OF THE DISCLOSURE

An image processing apparatus converts first image data of a first resolution N to second image data of a second resolution M, which is lower than the first resolution N, so as to output the second image data. The apparatus includes a processing unit for determining the position of a target pixel in the first image data in accordance with the ratio of the second resolution M to the first resolution N. The position of the target pixel is then used to define an area in which pixel values in the defined area are used to generate pixel values. The image processing apparatus also includes a selection signal generating unit for generating a selection signal in accordance with the target pixel value and an attribute signal representing the attribute of the target pixel. Also included in the image processing apparatus is an output unit for selecting one of the pixel values generated by the processing unit by using the selection signal so as to output the selected value as the second image data.